

**POPULATING A DATABASE WITH INFERRED DEPENDENCIES****ABSTRACT**

- 5    Populating a database, including providing a database having a schema; inferring  
from the schema dependencies among a fact table and related dimension tables; and  
inserting, in accordance with the dependencies, rows of data into the fact table and  
rows of data into the dimension tables. In typical embodiments, inferring  
dependencies further comprises selecting from metadata describing a schema for the  
10   database expressions of dependencies and inserting the expressions of dependencies  
into a dependency list. In typical embodiments, wherein inserting rows of data further  
comprises determining whether related dimension data exists for each foreign key in  
each row of data inserted into the fact table and for each foreign key for which related  
dimension data does not exist, inserting a row of dimension data into a dimension  
15   table related to the fact table through the foreign key.